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Sun, Yongming

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SEQUENCE LISTING

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61

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720

180

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<400> 149

Met Gly Trp His Glu Ile Gln Ile Pro Val Leu Ile Phe Leu Leu Ala 1 5 10 15

Val Tyr His Arg Thr Ser His Phe Thr Ser Leu Pro Leu Gly Pro Gln 20 25 30

Phe Ser Val Phe Leu Ile Tyr Lys Tyr Ser His Pro Ala Phe Arg Gln 35 40 45

Val Leu Arg Leu Asn Lys Glu Phe Asn Leu Leu Trp Leu His Ile Lys 50 55 60

His Ile Leu Val Ser Val Cys Leu Val Ile Ser Asn Ala Asn Ile Leu 65 70 75 80

Ser Ala Pro Cys Pro Glu Cys 85

<210> 150

<211> 45

<212> PRT

<213> Homo sapiens

<400> 150

Ser Ser Val Ala Leu Ala Leu Gly Ala Leu Thr Val Trp His Ala Val
1 5 10 15

Leu Ile Ser Arg Gly Glu Thr Ser Ile Glu Arg His Ile Asn Lys Lys
20 25 30

Glu Arg Arg Leu Gln Ala Lys Gly Arg Val Ser Arg 35 40 45

<210> 151

<211> 152

<212> PRT

<213> Homo sapiens

<400> 151

Met Val Pro Glu Val Leu Ile Leu Cys His Gly Leu Ala Val Trp Lys 1 5 10 15

Trp Phe Pro Gly Leu Ala Val Leu Arg Ile Pro Gly Cys Val Thr Gly 20 25 30

Asn Lys Pro Phe Asn Leu Pro Gly Thr Val Phe Phe Cys Lys Met Arg 35 40 45

Gly Leu Gly Ala Ser Phe Leu Arg Pro Trp Gly Leu Val Ala Glu Phe 50 55 60

Ile Ser Pro Thr Pro Cys Pro Ser Ser Tyr Gly Ser Thr His Lys Ala 65 70 75 80

Phe His Ser His Lys Glu Lys Ala His Lys Val Pro Gln Pro Pro His 85 90 95

Thr Gln Glu Pro His Leu His Pro Ser Leu Lys Ala Arg Leu Pro Leu 100 105 110

Pro Gln His Thr Gln Val Leu Leu Gly Leu Pro Ala Leu Phe Ser Ser 115 120 125

Ser Pro Glu Trp Asn Gly Pro Ala Met Ala Ser Gln Arg Thr Ala Ser 130 140

Trp Gln Ser Trp Glu Trp Val Glu 145 150

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<210> 152
<211> 29
<212> PRT
<213> Homo sapiens
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<222> (14)..(14)
<223> X=any amino acid
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<223> X=any amino acid
<400> 152
Met Gly Leu Arg Val Leu Leu Leu Gly Leu Ser Leu Xaa Met Ser
Gln Lys Pro Leu Xaa Gln Arg Pro Thr Ala Leu Gly Pro
<210> 153
<211> 46
<212> PRT
<213> Homo sapiens
<400> 153
Met Phe Leu Val Glu His Lys Val Cys Ser Gly Asn Thr Gln Val Ser
                 5
Ile Lys Cys Leu Pro Val Val Ser Glu Lys Phe Val Met Lys Tyr Phe
             20
                                   25
Gly Asn Arg Cys Ile Val Ser Val Gly Gly Ala Asp Glu Phe
<210> 154
<211> 34
<212> PRT
<213> Homo sapiens
<400> 154
Met Thr His Ser Glu Leu Leu Val Ile Thr Ile Asn His Lys Met
                              10
Pro Gln Gly Pro Arg Val Thr Asn Trp Glu Pro Pro Pro Leu Thr Arg
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25

20

Ile Thr

<210> 155

<211> 99

<212> PRT

<213> Homo sapiens

<400> 155

Met Asp Ser Phe Leu Leu Leu Arg Gln Arg Glu Gly Gly Lys Arg Asn 1 5 10 15

Phe Lys Arg Asn Leu Gln Thr Cys Cys Ala Val Gly Pro Thr Gly Ile 20 25 30

His Gly Gly Glu Thr Asn Ser Ile Met Leu Leu Gln Ile Leu Leu Lys 35 40 45

Lys Gly Phe Asn Cys Leu Thr Lys Tyr Ser Ser Phe Phe His Leu Leu 50 55 60

Thr Leu Gln Pro Asn Gln Val Pro His Thr Thr Gly Arg Cys Arg Glu 65 70 75 80

Ile Pro Gln Pro Glu Lys Ile Ile His Ala Gly Gln Arg Gln Lys Phe 85 90 95

Thr Pro Gly

<210> 156

<211> 55

<212> PRT

<213> Homo sapiens

<400> 156

Met Gln Phe Leu Leu Cys Leu Ser Leu Leu Asp Phe Phe Ser Ser Thr 1 10 15

Tyr Lys His Ala Val Met Ser Pro Asn Gln Lys Lys Cys Lys Asn Pro 20 25 30

Phe Ser Pro Met Leu Thr His His Pro Ala Val Val Leu Phe Leu Pro 35 40 45

Phe Thr Leu Leu Tyr Tyr Ser 50 55

<210> 157 <211> 59 <212> PRT <213> Homo sapiens

<400> 157

Met Leu Gln Val Asp Val Cys Thr Leu Met Val Arg Thr Trp Ser Ser

Trp Pro Cys Trp Val Phe Ala Lys Glu Thr Val Leu Cys Ser Trp Gly

Arg Phe His His Leu Ile Arg Ala Val Val Pro Thr Trp Cys Ser Leu 35 40

Asp His Leu Tyr Lys Met Phe Ile Gly Gln Gly

<210> 158

<211> 62 <212> PRT <213> Homo sapiens

<220>

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<222> (41)..(41)

<223> X=any amino acid

<220>

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<222> (57)..(57) <223> X=any amino acid

<400> 158

Met Thr Lys Arg Met Glu Lys Cys Leu Asn Ile Tyr Lys Arg Leu Asp

Val Tyr Arg Gln Ile Val Ser Lys Gly His Arg Ile Val Arg Asn Ser 25

Val Ile Leu Phe Cys Val Ile Asn Xaa Pro Phe Leu Tyr Pro Phe Thr 35 45 40

Leu Ile Ile Asp Ile His His Phe Xaa Val Ile Ile Gln Leu

<210> 159

<211> 47 <212> PRT <213> Homo sapiens

<400> 159

His Leu Asn Arg Phe Ala Asn Ser Val Lys Val Phe Thr Arg Arg His 5 10

Ala Phe Val Lys Lys Phe Phe Arg Gly Ser Ala Cys Asn Cys Ala Glu 25

Ser Ala Leu Leu Ser Ser Gln Leu Ala His Cys Val Gly Arg Trp

<210> 160

<211> 43

<212> PRT

<213> Homo sapiens

<400> 160

Met Gln Glu Ala Glu Gly Arg Leu Asn Lys Pro Gln Gly Gly Arg Val 5 10

Gly Ala Glu Arg Val Gly Asn Ile Phe Phe Leu Leu Leu Asn Ser Arg 20 25

Lys Ala Lys Thr Gln Ser Lys Leu Phe Leu Ser

<210> 161

<211> 62 <212> PRT <213> Homo sapiens

<400> 161

Met Phe Gly Ile Leu Glu Lys Ser Ser Lys Tyr Val His Leu Glu Gly 10

Ser Leu Lys His Pro Val Ile Lys Leu Val Ser Ile Ser Val Val Lys 25

Asp Glu Tyr Ser Leu Ile Asn Lys Arg Asn Lys Tyr Leu Asn Ser Leu 35 40

Thr Ser Ile Leu Asn Arg Phe Cys Gly Gln Met Arg Leu Pro 60

<210> 162

<211> 78

<212> PRT

<213> Homo sapiens

<400> 162

Met Thr Pro Ala Leu Ala Ala Trp His Val Leu Ile His Pro Asn Val 5 10

Cys Phe Leu Ala Pro Ala Asp Ser Leu Glu Gly Ser Ile Lys Glu Asp 25

Trp Val Asn Met Asp Leu Glu Asn Ala His Leu Gln Arg Glu Asn Gly

Gly Trp Ala Ala Phe Pro Ser Pro Ala Pro Val Pro Gly Ile Trp Pro 50 55

Arg Ser Ala Ser Val Cys Phe Gly Ala Lys Leu Gln Ala Pro

<210> 163

<211> 51 <212> PRT <213> Homo sapiens

<400> 163

Met Ser Ser Trp Ile Pro Phe Ile Ile Thr Pro Leu Phe Ser Gly Ile 5

Arg Leu Glu Ala Trp Cys Gln Phe Tyr Ser Ser Leu Tyr Pro Phe Ile 25

His Phe Leu Ser Ile Leu Phe Pro Lys Tyr Phe Phe Ser Ala Pro Ser 35 40

Pro Ala Ala 50

<210> 164 <211> 27 <212> PRT <213> Homo sapiens

<400> 164

Met Gly Ile Ile Pro Lys Cys Met Phe Leu Leu Gln Ser Arg Leu Met 5

Gly Val Ile Thr Asn Thr Ser Leu Leu His

20 25

<210> 165 <211> 52 <212> PRT

<213> Homo sapiens

<400> 165

Met Lys Val Leu Lys Tyr His Asn Glu Ala Cys Gly Phe Tyr Ser Val

Val Trp Met Leu Ser Ser Ile Pro Trp Met Pro Thr Gly Met His 25

Cys Leu Ile Leu Glu Phe Lys Arg Trp Pro Gln Thr Val Arg Leu Ser 40

Met Trp Pro His 50

<210> 166 <211> 47 <212> PRT

<213> Homo sapiens

<400> 166

Met Gly Arg Lys Ser Thr Asn Lys Thr Ala Cys Thr His Ile Asn Thr 5

Tyr Val Ser Thr Asn Asp Lys Leu Tyr Leu Tyr Arg Ala Trp Glu Gly 20

Ser Tyr Ile Thr Leu His Val Ser His Pro Pro His Thr Ser Arg 40

<210> 167

<211> 42

<212> PRT <213> Homo sapiens

<400> 167

Met Cys Trp Gly Tyr Phe Ser Ile Ser Lys Lys Phe Pro Asn Leu Thr 5 10

Ser Val Leu Met Asn Leu Gly Thr Asp Leu Ala Val Arg Pro Thr Ser 25

Ile Phe Pro Thr Asp Ser Ile Leu Leu Glu

35 40

<210> 168

<211> 55 <212> PRT <213> Homo sapiens

<400> 168

Met Asn Lys Ile Lys Gly Lys Ser Val Leu Phe Tyr Met Pro Glu Thr

Ser Arg Ile Phe Arg Lys Val Gln Phe Lys Glu Asn Gln Ala Ala Leu 25

Asp Ser Thr Asn Lys Asn Val Ser Leu Ser Glu Glu Leu Val Asn Gln 40

Gly Thr Gln Ser Ala Phe Ser

<210> 169

<211> 24 <212> PRT <213> Homo sapiens

<400> 169

Met Met His Met Gln Leu Ile Ser Glu Phe Ser Cys Leu Cys Cys Phe 5 10 15

Phe Phe Leu Gly Ile Tyr Ile Lys 20

<210> 170

<211> 68

<212> PRT

<213> Homo sapiens

<400> 170

Met Ile His Leu Ser Glu Val Ser Gly His Leu Lys Glu Arg Lys Gly

Lys Ala Ser Cys Gln Lys Gln Lys His Val Leu Tyr Lys Arg Phe Lys 20

Asn Gln Asn Gly Ile Arg Leu Ser Asn Cys Lys Arg Gln Ser Ser Ala 35 40 45

Phe Lys Ile Leu Arg Lys Asn Asn Val Tyr Ile Lys Ile Phe Ile Ile

50 55 60

Ile Phe Asn Phe

<210> 171

<211> 100

<212> PRT

<213> Homo sapiens

<400> 171

Ser Phe Ala Phe Phe Phe Ser Leu Arg Gln Ser Leu Thr Leu Ser Pro 1 5 10 15

Arg Leu Glu Cys Ser Gly Thr Ile Ser Ala His Cys Asn Leu Cys Leu 20 25 30

Leu Gly Ser Ser Asn Ser Ser Ala Ser Ala Ser Gln Val Ala Gly Ile 35 40 45

Thr Gly Thr His His His Ala Gln Val Ile Phe Ile Phe Ile Glu 50 55 60

Met Gly Phe Arg His Ile Gly Gln Ala Gly Leu Lys Leu Leu Thr Ser 65 70 75 80

Gly Asp Pro Pro Ala Ser Ala Ser Glu Ser Ala Gly Ile Thr Gly Val 85 90 95

Arg His His Thr

<210> 172

<211> 58

<212> PRT

<213> Homo sapiens

<400> 172

Met Glu Cys Leu Ser Ile Asn Leu Thr Lys Asn Val Ser Tyr Leu Tyr 1 5 10 15

Thr Gly Pro Leu Asn Thr Ser Glu Thr Lys Leu Lys Ser Tyr Leu Ile 20 25 30

Gly Asn Gln Phe Pro Pro Arg Phe Ile Tyr Arg Val Ser Glu Ile Pro 35 40 45

Ile Lys Ile Ser Ala Arg Ser Leu Arg Asn 50

<210> 173

<211> 47 <212> PRT <213> Homo sapiens

<400> 173

Met Asp Lys Glu Glu Ser Ala Val Leu Val Gly Gly Ser Ile Leu Pro

Asp Lys Leu Phe Leu Val Gly Phe Thr Asp Thr Ser Pro Asp Leu Leu 25

Pro Ala Ala Thr Val Cys Phe Tyr Asp Ala Cys His His Asp Ile 40

<210> 174

<211> 106

<212> PRT

<213> Homo sapiens

<400> 174

Met Thr His Val Gln Leu His Ala Leu Asp Leu Leu Leu Lys Asp Glu

His Lys Ser Glu Ile Ser Thr Pro Trp Gln Pro Tyr Tyr Gln Leu Leu 25

Ile Cys Ser Pro His Val Ser Thr Pro Phe Leu Ala Thr Ser Phe Cys 40

Pro Ser His Ile Asn Thr Cys Gly Gln Trp Leu Thr Met Leu Lys Leu

Lys Leu Tyr Pro Asp Glu Ile Leu Lys Arg Asn His Leu Cys Ser Ser

Val Leu Thr Gln Glu Ser Gln His Val Phe Leu Phe Gln Glu Thr Ile 90

Ile Ile Cys Thr Asn Ile Tyr Pro Asp Asn 100 105

<210> 175

<211> 35

<212> PRT

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<213> Homo sapiens
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<400> 175

Met Ser Met Leu Arg Lys Gly Leu Lys Ser Phe Phe Ser Val Cys Val 10 1 5 15

Leu Pro Ser Glu Pro Asn Ile Gly Ile Ser Ala Ser Lys Ile Pro Gln 25

Gly Gln Glu 35

<210> 176 <211> 54 <212> PRT <213> Homo sapiens

<400> 176

Met Ser Ser Pro Leu Val Ser Ala Lys Phe Ser Phe Leu Phe His

Glu Gly Arg Ala Pro Ser Leu Phe His Pro Leu Met Thr Ser Gln Pro

Leu Glu Phe Cys Leu Met Met Asp Phe Ser Glu Ile Cys Leu Cys Asn 35 40 45

Glu Asp Lys Asp Ser Gly 50

<210> 177 <211> 20 <212> PRT <213> Homo sapiens

<400> 177

Met Arg Pro Leu Lys Met Ile Arg Thr Ala Lys Lys Leu Phe Val Tyr

Leu Gly Ser Tyr

<210> 178

<211> 66

<212> PRT

<213> Homo sapiens

<400> 178

Met Met Tyr Tyr Pro Asp Asp Leu Trp Asn Leu Leu Arg Asn Arg Asp 5

Cys Val Ala Phe Leu Ile Met Gly Thr Gly Pro Ser Leu Leu Arg Leu 20 25

Pro Met Cys Val Gly Thr Glu Leu Leu Trp His Ser Ser Ser Arg Leu 35 40

Met Glu Leu Ser Ser Glu Ala Ser Trp Val Val His Ala Asn Leu 55

Val Leu 65

<210> 179

<211> 70

<212> PRT

<213> Homo sapiens

<400> 179

Met Cys Val Ile Tyr Gln Arg Gly Ile Cys Asp Glu Lys Lys Asn Leu 5

Lys Cys Pro Gln Met Phe Gln Leu Ser Glu Thr Glu Lys Thr Leu Thr 20 25 3.0

Ser Val Phe Arg Ile Ile Val Ser Asn Ile Leu Lys Ile Asp Val Ser 35

Ser Val Met Ile Phe Leu Arg Leu His Gln Arg Thr Ser Leu Asn Leu 50

Ser Val Ile Gln Asn Gln

<210> 180

<211> 30

<212> PRT <213> Homo sapiens

<400> 180

Met Asn Pro Val Cys Trp Val Gly Phe Gly Glu Val Asn Ile Glu His 5 10

Met Glu Phe Lys Tyr Ile Glu Met Asp Thr Val Ile Glu Met 20 25

<210> 181 <211> 55 <212> PRT

<213> Homo sapiens

<400> 181

Met His Ala Cys Gly Ser Leu Arg Leu Asp Lys Asp Pro Thr Thr Leu

Leu Cys Val Asn Thr Arg Cys Thr Arg Ser His Leu Pro Gly Ala Gly 25

Gly Trp Trp Arg Lys Val Lys Ser Gln Gln Thr Val His Arg Thr Tyr

Ser Ala Thr Gly Lys Lys Ser

<210> 182

<211> 16

<212> PRT

<213> Homo sapiens

<400> 182

Met Pro Ala Leu Arg Glu Ala Phe Pro Gln Ala Pro Leu Ala Leu Ala

<210> 183

<211> 48

<212> PRT

<213> Homo sapiens

<400> 183

Met Thr Phe Gln Lys Leu Met Ile Leu His Ile His Asp Gln Met Phe 5

Ser Leu Met Glu Ala Ser Asp Val Cys Ser His Gln Ile Arg Phe Lys

Met Ser Val Ser Ser Lys Ser Lys Thr Ser Pro Ser His Gln Lys

<210> 184

<211> 55

<212> PRT

<213> Homo sapiens

<400> 184

Met Ser Val Leu Lys Arg Phe Leu Lys Pro Ser Leu Ser Ile Ala Lys 1 5 10 15

Thr Cys Tyr Val His Tyr Pro Pro Asn Ser Tyr Leu Lys Thr Thr Pro 20 25 30

Lys Met Leu Tyr Phe Val Phe Lys Val Arg Glu Glu Asn Arg Gly Glu 35 40 45

Val Phe Leu Cys Ser Phe Pro 50 55

<210> 185

<211> 14

<212> PRT

<213> Homo sapiens

<400> 185

<210> 186

<211> 42

<212> PRT

<213> Homo sapiens

<400> 186

Met Met Phe Phe Tyr Ile Phe Cys Ser Met Gly Leu Leu Ile Pro Phe 1 5 10 15

Ser Thr Leu Lys Met Leu Leu Ile Val Phe Pro Leu Ser Leu Phe Pro 20 25 30

Lys Arg Asn Leu Leu Ser Phe Leu Ser Leu 35 40

<210> 187

<211> 100

<212> PRT

<213> Homo sapiens

<400> 187

Leu Phe Phe Phe Leu Arg Trp Ser Leu Ala Leu Val Thr Gln Ala Gly
1 5 10 15

Val Gln Val Val Asp Ile Gly Ser Leu Gln Pro Leu Pro Pro Gly Phe

Lys Gln Phe Ser Cys Pro Ser Leu Leu Ser Ser Trp Asp Tyr Arg His

Gly Pro Pro Arg Pro Ala Asn Phe Phe Val Phe Leu Val Glu Met Gly 50 55

Phe His His Val Gly Gln Ala Gly Pro Glu Leu Leu Thr Ser Ser Asp 70

Pro Pro Ala Leu Ala Ser Gln Ser Ala Gly Ile Thr Gly Val Ser His

Leu Thr Trp Pro

<210> 188

<211> 106

<212> PRT <213> Homo sapiens

<400> 188

Met Ser Cys Leu Trp Pro Ser Leu Asp Leu Pro Ser Leu Ser His Ser 5

Lys Gln Ser Ser Ser Gln Ala Glu Gly Gln Val Thr Ser His Thr Arg

Gln Arg Phe Pro Asp Gly Ala His Leu His Pro Ser Leu Thr Leu Val 40

Leu Ser Gln Asp Ala Pro Leu Arg Leu Ala Pro Pro Thr Leu Cys Leu

Leu Cys Tyr Trp Ala Ser Leu Pro Ser Pro Arg Thr Pro Glu Leu Leu 70 75

Asn Ala Gly Gln Lys Ser Ile Pro Asp Leu Gln Gln Arg His Phe Asp

Ile Lys Glu Met Ala Leu Asp Phe Cys Leu 100

<210> 189

<211> 46

<212> PRT

<213> Homo sapiens

<400> 189

Met Val Ile Ser Arg Ile Ser Ile Leu Arg Lys Met Thr Lys Phe His

Lys Phe Cys Ser Gln Leu Thr Glu Pro Gly Arg Arg Thr Gln Pro Lys

Glu Asn Pro Trp Ser Leu Tyr Asp Thr Asp Trp Leu Glu Lys

<210> 190

<211> 46 <212> PRT <213> Homo sapiens

<400> 190

Met Ser Arg Val Arg Ala Glu Lys Pro Gly Arg Val Ala Lys Leu Ala

Ala Cys Arg Pro Leu Pro Arg Leu Gln Met Ser Gly Ser Ile Pro Leu

His Lys Cys Lys Glu Lys Ala Ser Met Pro Pro Leu Trp Ser

<210> 191

<211> 50

<212> PRT

<213> Homo sapiens

<400> 191

Met Arg Pro Ala Arg Leu Gly Pro Arg Cys Ser Asp Leu Asp Phe Gly

Leu Val Leu Ser Ser Trp Leu Arg Leu Ala Arg Cys Pro Leu Glu Ser

Ser Phe Gly Phe Ala Phe Phe Val Cys Leu Phe Ser Pro Asn Phe Cys

Gln Thr 50

<210> 192

<211> 76

<212> PRT

<213> Homo sapiens

<400> 192

Met Glu Gly Thr Val Gly Gln Ala Lys Met Val Glu Lys Trp Met Arg 1 5 10 15

Pro Thr Leu Leu Met Ser Leu Arg Gly Leu Gly Glu Arg Ser Asn Glu 20 25 30

Pro His Val Ser Pro Glu Ser Ser Ala Ala Pro Lys Ala Gly Pro Ser 35 40 45

Leu Glu Asp Cys Glu Arg Glu Asp Gly Ser Ile Arg Thr Gly Trp Asp 50 55 60

Thr Ala Pro Thr Lys Glu Ser Pro Thr Ser Cys Ala 65 70 75

<210> 193

<211> 54

<212> PRT

<213> Homo sapiens

<400> 193

Arg Thr Val Cys Thr Lys Val Ser Cys Pro Val Gln Leu Pro Ala Asp 1 10 15

Trp Thr Cys Lys Val Gln Pro Val Trp Leu Glu Phe Pro Cys Leu Pro 20 25 30

Ile Ser Cys Arg Leu Arg Val Ser Ser Asp Thr Ser Pro Asp Ser Ala 35 40 45

Thr Trp Gly Ser Trp Lys

<210> 194

<211> 27

<212> PRT

<213> Homo sapiens

<400> 194

Met Glu Pro Arg Ile Pro Val Lys Thr Phe Ser Phe Asp Lys Arg Ile 1 5 10 15

Leu Ile Arg Ile Leu Tyr Gln Ile Glu Gln Lys 20 25

<210> 195

<211> 17

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<212> PRT
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<213> Homo sapiens

<400> 195

Met Leu Gln His Leu Arg Leu Thr Ile Trp Gly Glu Cys Val Trp Val 1 5 10 15

Phe

<210> 196

<211> 51

<212> PRT

<213> Homo sapiens

<400> 196

Met Arg Asn Val Ser Leu Ile Ser Cys Glu Asp Ala Asp Phe Thr Glu 1 5 10 15

Ala Leu Cys Asn Ile Trp Phe Val His Gln Thr Met Leu Ile Asp Cys 20 25 30

Arg Ser His Leu Leu Pro Arg Trp Leu Thr Lys Thr Val Gly Ser Leu 35 40 45

Leu Lys Pro 50

<210> 197

<211> 62

<212> PRT

<213> Homo sapiens

<400> 197

Met Ser His Gly Gln Val Leu Gly Asp Val Ala Gly Lys Val Gly His 1 5 10 15

Ala Leu Gly Thr Glu Asp Gln Thr Phe Ala Val Glu Val Leu Lys Glu
20 25 30

Thr Thr Pro Phe Phe Arg Ala Ser Ser Gly Pro Thr Gly Asp Pro Trp 35 40 45

Cys Pro Asp His Lys Ile Gln Ser Lys Pro Val Ser Leu Ser 50 55 60

<210> 198 <211> 400 <212> PRT

<213> Homo sapiens

<400> 198

Met Leu Leu Val Thr Ser Leu Leu Cys Glu Leu Pro His Pro 1 5 10 15

Ala Phe Leu Leu Ile Pro Glu Lys Ser Asp Leu Arg Thr Val Ala Pro 20 25 30

Ala Ser Ser Leu Asn Val Arg Phe Asp Ser Arg Thr Met Asn Leu Ser 35 40 45

Trp Asp Cys Gln Glu Asn Thr Thr Phe Ser Lys Cys Phe Leu Thr Asp 50 55 60

Lys Lys Asn Arg Val Val Glu Pro Arg Leu Ser Asn Asn Glu Cys Ser 65 70 75 80

Cys Thr Phe Arg Glu Ile Cys Leu His Glu Gly Val Thr Phe Glu Val 85 90 95

His Val Asn Thr Ser Gln Arg Gly Phe Gln Gln Lys Leu Leu Tyr Pro 100 105 110

Asn Ser Gly Arg Glu Gly Thr Ala Ala Gln Asn Phe Ser Cys Phe Ile 115 120 125

Tyr Asn Ala Asp Leu Met Asn Cys Thr Trp Ala Arg Gly Pro Thr Ala 130 135 140

Pro Arg Asp Val Gln Tyr Phe Leu Tyr Ile Arg Asn Ser Lys Arg Arg 145 150 155 160

Arg Glu Ile Arg Cys Pro Tyr Tyr Ile Gln Asp Ser Gly Thr His Val 165 170 175

Gly Cys His Leu Asp Asn Leu Ser Gly Leu Thr Ser Arg Asn Tyr Phe 180 185 190

Leu Val Asn Gly Thr Ser Arg Glu Ile Gly Ile Gln Phe Phe Asp Ser 195 200 205

Leu Leu Asp Thr Lys Lys Ile Glu Arg Phe Asn Pro Pro Ser Asn Val 210 215 220 Thr Val Arg Cys Asn Thr Thr His Cys Leu Val Arg Trp Lys Gln Pro 225 230 235 240

Arg Thr Tyr Gln Lys Leu Ser Tyr Leu Asp Phe Gln Tyr Gln Leu Asp 245 250 255

Val His Arg Lys Asn Thr Gln Pro Gly Thr Glu Asn Leu Leu Ile Asn 260 270

Val Ser Gly Asp Leu Glu Asn Arg Tyr Asn Phe Pro Ser Ser Glu Pro 275 280 285

Arg Ala Lys His Ser Val Lys Ile Arg Ala Ala Asp Val Arg Ile Leu 290 295 300

Asn Trp Ser Ser Trp Ser Glu Ala Ile Glu Phe Gly Ser Asp Asp Gly 305 310 315 320

Asn Leu Gly Ser Val Tyr Ile Tyr Val Leu Leu Ile Val Gly Thr Leu 325 330 335

Val Cys Gly Ile Val Leu Gly Phe Leu Phe Lys Arg Phe Leu Arg Ile 340 345 350

Gln Arg Leu Phe Pro Pro Val Pro Gln Ile Lys Asp Lys Leu Asn Asp 355 360 365

Asn His Glu Val Glu Asp Glu Ile Ile Trp Glu Glu Phe Thr Pro Glu 370 375 380

Glu Gly Lys Gly Tyr Arg Glu Glu Val Leu Thr Val Lys Glu Ile Thr 385 390 395 400

<210> 199

<211> 10

<212> PRT

<213> Homo sapiens

<400> 199

<210> 200

<211> 20

<212> PRT

<213> Homo sapiens

<400> 200

Met Cys Tyr Ala Thr Leu His Gln Ile Asn Phe Leu Gln Thr Val Leu 1 5 10 15

Val Pro Gly Leu 20

<210> 201

<211> 31

<212> PRT

<213> Homo sapiens

<400> 201

Met Cys Leu Cys Cys Trp Leu Tyr Trp Glu Glu Tyr Gly Pro Leu Ser 1 5 10 15

Leu Thr Gln Glu Phe His Val Phe Cys Gln Asp Thr Leu His Gly
20 25 30

<210> 202

<211> 54

<212> PRT

<213> Homo sapiens

<400> 202

Met Asn His Ser Leu Ser Ala Phe Gln Arg Ala Leu Gln Val Leu Ile 1 5 10 15

Phe Lys Met Ser Val Tyr Ala Ser Gly Pro Arg Leu Glu Lys Lys Val 20 25 30

Gly Asn Lys Leu Glu Gly Gly Arg Lys Gln Glu Arg Asn Val Thr Tyr 35 40 45

Met Ala Asp Glu Gly Phe 50

<210> 203

<211> 35

<212> PRT

<213> Homo sapiens

<400> 203

Met Ile Lys Ala Tyr His Pro Tyr Phe Glu Asn Phe Asn His Arg Ala 1 5 10 15

Gln Tyr Val Ser Asn Lys Leu Lys Lys Tyr Ser Phe Gln Leu His Phe
20 25 30

Asp Gly His

<210> 204

<211> 76

<212> PRT

<213> Homo sapiens

<400> 204

Met Lys Met Val Asn Arg His Met Lys Trp Lys Ser Ser Ala Leu Ser 1 5 10 15

Asp Leu Val Cys Ile Ser Thr Glu Ile Gln Ala Gly Leu Thr Arg His 20 25 30

Thr Ser His Asn Phe Gln Cys His Cys Thr Ile Ile Leu Thr Val Val 35 40 45

Ser Phe Phe Gln Ser Thr Glu Lys Gln Ala Asp Lys Pro Arg His Leu 50 55 60

Asn Val Thr Trp Leu Met Thr Leu Ile Ser Thr Leu 65 70 75

<210> 205

<211> 94

<212> PRT

<213> Homo sapiens

<400> 205

Met Glu Gly Gln Asp Ser Leu Arg Asp Val Gly Ala Leu Ser His Leu $1 \hspace{1.5cm} 5 \hspace{1.5cm} 10 \hspace{1.5cm} 15$

Ala His Thr Asp Arg Ser Trp Leu Gly Arg Ala Gly Val Ser Ala Trp 20 25 30

Arg Pro Ser Ala Ala Gly Asp Pro Gly Phe His Glu Val Gly Gly Val 35 40 45

His Ala Gly Thr Ser Gln Leu Ala Gly Pro Gly Gly His Pro Gly Gly 50 55 60

Ala Gly Ala Trp Gly His Glu Phe Thr Lys Val Ala Gln Gly Gln Glu 65 70 75 80

Glu Thr Val Val Ala Glu Gly Pro Leu Val Glu Ala Trp Ala 85 90

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<210> 206
<211> 53
<212> PRT
<213> Homo sapiens
<400> 206
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Mot Dwe Cla Aca Cla Aca Don Due 3

Met Pro Gln Asp Gln Asp Pro Pro Arg Glu Glu His Ala Ala Leu Arg 1 5 10 15

Val Leu Phe Pro Arg Val Pro Leu Ala Val Pro His Gln Leu Gly Gly 20 25 30

Glu Leu Glu Arg Ala Asp Arg Arg Thr Gly Phe Ser Ala Cys Ala Asn 35 40 45

Ile Leu Thr Cys Pro 50

<210> 207 <211> 75 <212> PRT <213> Homo sapiens

<400> 207

Trp Ser Thr Pro Pro Phe Asp Pro Arg Phe Pro Ser Gln Asn Gln Ile
1 5 10 15

Arg Asn Cys Tyr Gln Asn Phe Leu Asp Tyr His Arg Cys Leu Lys Thr 20 25 30

Arg Thr Arg Arg Gly Lys Ser Thr Gln Pro Cys Glu Tyr Tyr Ser Cys 35 40 45

Val Tyr His Ser Leu Cys Pro Ile Ser Trp Val Glu Ser Trp Asn Glu 50 55 60

Gln Ile Lys Asn Gly Ile Phe Ala Gly Lys Ile 65 70 75

<210> 208 <211> 44 <212> PRT <213> Homo sapiens <400> 208

Met Arg Val Leu Arg Lys Glu Ser Pro Ser Arg His Val Leu Lys Asn 1 5 10 15

Met Cys Leu Ile Arg Asn Pro Arg Glu Gly Thr Ala Ala Asn Asn Glu 20 25 30

Met Glu Ser Ala Thr Gly Glu Glu Lys Gly Asn Arg 35

<210> 209

<211> 83

<212> PRT

<213> Homo sapiens

<220>

<221> MISC_FEATURE

<222> (80)..(80)

<223> X=any amino acid

<400> 209

Met His Arg Lys Lys Leu Glu Ser Phe Leu Leu Leu Ile Pro Pro 1 5 10 15

Pro Tyr Leu Pro Leu Thr Lys Met Trp Gly Glu Pro Arg Phe Glu Gly 20 25 30

Ser Thr Gly Pro Cys Pro Gln Asp Ser Met Glu Gln Pro Val Thr Lys
35 40 45

Gln Gly Ile Ser Leu Lys Ser Cys Leu Pro Lys Lys Ile Lys Leu Pro 50 60

Arg Leu Ala Leu His Pro Ser Pro Pro Arg Ser Phe Pro Leu Lys Xaa 65 70 75 80

Lys Lys Leu

<210> 210

<211> 40

<212> PRT

<213> Homo sapiens

<400> 210

Met Thr Arg Phe Ser Gln Ala Ser Ser Ser Lys Asp Lys Thr Pro Pro 1 5 10 15

Leu Pro Ser Met Val Gln Ala Thr Val Leu Val Lys Lys Tyr Ile Phe 20 25 30

Thr Lys Lys Lys Ser Tyr Val Leu 35 40

<210> 211

<211> 87

<212> PRT

<213> Homo sapiens

<400> 211

Met Pro Arg Pro Thr Glu Gly Glu Gly Ser Thr Glu Asp Arg Asp Pro 1 5 10 15

Ile Gly Ile Gln Ser Gln Thr Arg Ala Glu Pro Thr Val Glu Gln Leu 20 25 30

Met Ser Gly Ala Lys Asp Thr Ser Trp Asn Pro Pro Asp Gly Ser Ser 35 40 45

Asn Pro Lys Arg Ala Gly Leu Gln Val Gly Leu Asn Trp Arg Asp Pro 50 55 60

Gln Glu Ser Gly Arg Arg Asn Thr Arg Ala Phe Leu Glu Glu Gly Thr 65 70 75 80

Phe Ile Leu Asp Ser Asn Gln

<210> 212

<211> 38

<212> PRT

<213> Homo sapiens

<400> 212

Met Met Pro Gly Pro Ala Ala Leu Ile Pro Pro Thr Ala Thr Ala Cys
1 10 15

Leu Leu Val Val Ala Arg Gly Ser Ser Val Pro Lys Asp Ser Ser Leu 20 25 30

Phe Cys Ile Thr Val His

<210> 213

<211> 88

<212> PRT

<213> Homo sapiens

<400> 213

Met Ser Leu Leu Asp Ala Ser Ser Leu Lys Pro Tyr Asp Ser Phe Leu

Leu Ala Val Leu Phe Leu Thr Arg Asp Asn Lys Gly Phe Ala Ser Gln 25

Val Cys Met Ala Lys Lys Val Ser Thr Ser Val Asn Gly Ser Phe Leu

Met Thr Ser Gln Gln Pro Leu Val Lys Asp Val Ile Glu Ile Val Gln

Arg Leu Gly Ser Val Cys Phe Val Leu Leu Leu Lys Ser Phe His Gly 75

Ser Lys Leu Phe Leu Ser Ile Val 85

<210> 214

<211> 42

<212> PRT

<213> Homo sapiens

<400> 214

Met Val Ile Arg Glu Leu Leu Gly Gly Gln Lys Tyr Pro Asn Pro Val

Gln Gly Arg Asp Pro Trp Thr Val Thr Val Leu Ser Ala Phe Gly Arg 25

Glu Gly Asp Ser Glu Ala Gln Thr Arg Ile

<210> 215 <211> 49 <212> PRT

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<400> 215

Met Pro Asn Cys Ser Val Glu Leu Arg Gly Tyr Tyr Tyr Asn Phe Val 10

His Tyr Tyr Lys Tyr Phe Ile Leu Val Val Tyr Ser Thr Ala Asp Ser 20 25

Asn Gln Lys Thr Lys Ile Gln Lys Tyr Tyr Ile Leu Glu Xaa Ile Ile 35 40

Met

<210> 216 <211> 37 <212> PRT <213> Homo sapiens

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<223> X=any amino acid

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<400> 216

Met Glu Met Leu Glu Xaa Lys Xaa Thr Ile Ile Asp Ile Val Ser Leu

Leu Ala Leu Ser Gly Asp Leu Thr Gln Leu Arg Lys Ser Leu Val Thr 20

Leu Lys Ile Cys Arg 35

<210> 217 <211> 72 <212> PRT

<213> Homo sapiens

<400> 217

Met Gly Ser Tyr Gly Leu Leu Phe Lys Phe Tyr Gly Ala Ile Phe Thr 1 5

Ser Val Ala Gln Gly Trp Ser Val Leu His Leu Arg Lys Val Ser Leu 20

Gly Lys Cys Pro Cys His Pro Ser His Ser Arg Gln Ala Ala Ser Ser

Ala Phe Ser Ser Ser Ser His Ala Trp Ser Ser Pro Phe Val Ile 55

Phe Ser Ser Leu Thr Pro Ser Leu 70

<210> 218

<211> 49 <212> PRT <213> Homo sapiens

<400> 218

Met Gly Ser Phe Ser Pro Leu Thr Tyr His Leu Gly His Trp Asn Met 10

Ala Ala Cys Gly Ser Val Cys Glu Gly Pro Gly Asp Gly Gln Gly Gly

Ser Ala Leu Phe Cys Phe Tyr Gln His Cys Ser Met Asn Val Phe Leu

Thr

<210> 219 <211> 34

<212> PRT

<213> Homo sapiens

<400> 219

Met Leu Thr Arg His His Pro Leu Asn Val Leu Leu His Arg Leu Cys

Leu Asn Trp Leu Glu Glu Asn Asn Tyr Pro Arg Asn Thr Asp Tyr Leu 20

Ile Phe

<210> 220

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<212> PRT

<213> Homo sapiens

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<222> (17)..(17)

<223> X=any amino acid

<400> 220

Met Leu Leu Pro Ala Thr Phe Leu Pro Thr Ser His Ala Arg Pro

Xaa Gln Pro His Cys His Thr Thr Cys Leu Ile Thr Ser His Val Leu 25

Thr His

<210> 221

<211> 111

<212> PRT

<213> Homo sapiens

<400> 221

Met Gly Pro Ser Ser Cys Leu Leu Leu Ile Leu Ile Pro Leu Leu Gln

Leu Ile Asn Leu Gly Ser Thr Gln Cys Ser Leu Asp Ser Val Met Asp

Lys Lys Ile Lys Asp Val Leu Asn Ser Leu Glu Tyr Ser Pro Ser Pro

Ile Ser Lys Lys Leu Ser Cys Ala Ser Val Lys Ser Gln Gly Arg Pro

Ser Ser Cys Pro Ala Gly Met Ala Val Thr Gly Cys Ala Cys Gly Tyr

Gly Cys Gly Ser Trp Asp Val Gln Leu Glu Thr Thr Cys His Cys Gln

Cys Ser Val Val Asp Trp Thr Thr Ala Arg Cys Cys His Leu Thr 105

<210> 222
<211> 111
<212> PRT
<213> Homo sapiens

<400> 222

Met Gly Pro Ser Ser Cys Leu Leu Leu Ile Leu Ile Pro Leu Leu Gln

Leu Ile Asn Leu Gly Ser Thr Gln Cys Ser Leu Asp Ser Val Met Asp 20 25 30

Lys Lys Ile Lys Asp Val Leu Asn Ser Leu Glu Tyr Ser Pro Ser Pro 35 40 45

Ile Ser Lys Lys Leu Ser Cys Ala Ser Val Lys Ser Gln Gly Arg Pro 50 55 60

Ser Ser Cys Pro Ala Gly Met Ala Val Thr Gly Cys Ala Cys Gly Tyr 65 70 75 80

Gly Cys Gly Ser Trp Asp Val Gln Leu Glu Thr Thr Cys His Cys Gln 85 90 95

<210> 223

<211> 83

<212> PRT

<213> Homo sapiens

<400> 223

Met Asn Val Glu Ala Arg Glu Gln Cys Asp Val Gln Leu Ser Asp Leu 1 5 10 15

Thr Trp His Leu Ile Trp Leu Glu Val Pro Pro Leu Leu Ser Val Pro 20 25 30

Trp Leu Trp Ala His Gly Leu Ala Glu Pro Ser Tyr Gly Phe Arg Phe 35 40

Thr Cys Tyr Asn Ile Gln Arg Gln Cys Thr Ser Leu Pro Arg Lys Leu 50 55 60

Cys Ser Arg His Pro Phe Val Thr Leu Ile Ser Ile Met Asp Thr Thr 65 70 75 80

Thr Phe Tyr

<210> 224

<211> 132

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<223> X=any amino acid

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Met Asp Xaa Thr Arg Val His Asp Asp Glu Xaa Val Ile Xaa Gly Asp

Val Phe Val His Glu Val Thr Pro Gly Pro His Arg Trp Val Leu Val 20 25

Arg Pro Phe Cys Leu Glu Val Arg Ala Val Phe Leu Arg Leu Trp Tyr 35

Tyr Arg Gly Glu Lys Glu Glu Glu Leu Glu Val Arg Glu Arg Ser Cys

Arg Leu Gly Arg Cys Asp Gln Gly Gln Arg Asp Gly Val Gln Glu Ala

Cys Ser Ser Val Ser Cys Ser Leu Arg Gln Glu Val Ser Pro Ser Ser 85

Gln Leu Asp Met Arg Ser Leu Leu Gly Val Pro Leu Ala Glu Val Glu 100 105

Pro Val Ala Gln His Pro Pro Asn Glu Gly Arg Gly Arg His Leu Gly 115 120 125

Gln Cys Leu Leu 130

<210> 225

<211> 38

<212> PRT

<213> Homo sapiens

<400> 225

Met Ile Asn Asn Ser Asn His Asn Asn Ser Ser Ser Lys Leu Arg 10

Ala Ser Tyr Val Gln Ala Phe Ser Lys His Phe Thr Cys Ile Thr Pro 25

Leu Val Ile Thr Thr Pro 35

<210> 226

<211> 58

<212> PRT

<213> Homo sapiens

<400> 226

Met Ser Thr Phe Thr Val Leu Lys Asn Thr His Gln Leu Lys Lys Asn

Thr Leu Phe Pro Phe Leu Gly His Leu Asn Leu Arg Glu Gln Leu Leu

Tyr Lys Asn Asp Ile Lys Ile Ile His Phe Gly Ser Met Phe Leu Thr 40

Val Leu Arg Gly Cys Met Val Lys Leu Lys

<210> 227

<211> 26

<212> PRT

<213> Homo sapiens

<400> 227

Met His Met His Ile Phe Leu Cys Leu Tyr Asn Leu Cys Asn Ile Cys

Glu Cys Asn Thr Phe Ser Phe Phe Leu Leu

<210> 228

<211> 47 <212> PRT <213> Homo sapiens

<400> 228

Met Leu Asp Val Met Arg Gln Val Ala Arg Ser Trp Leu Thr Ala Met

Glu Arg Leu Leu Pro Ala Ala Val Arg Phe Ser Ala Ile Trp Leu 20 25 30

Ala Gly Gln Phe Ala Met Ala Trp Leu Leu Gln Leu Ile Leu Gly 35 40 45

<210> 229

<211> 53

<212> PRT

<213> Homo sapiens

<400> 229

Met Gly Asn Ile Gly Glu Thr Leu Ser Leu Lys Lys Lys Arg Arg Ala 1 5 10 15

Gly Gly Glu Ser Val Lys Asp Pro Gly Ser Thr Asp Thr Gly Gly Gln 20 25 30

Arg Thr Arg Val Gly Val Ser Ser Asn Asp Ser Val Gly Ser Met Gly 35 40 45

Ala Val Gly Arg Glu 50

<210> 230

<211> 80

<212> PRT

<213> Homo sapiens

<400> 230

Met Val Ile Asn Ser Cys Ile Ile Pro Leu Pro Ser Gln Ala Thr Ile 1 5 10 15

Trp Gly Ser Ser Pro Leu Leu Pro Ser Leu Ser Ser His Pro Leu Thr 35 40 45

His Leu Ser Cys Tyr Leu Ser Leu Glu Ile Pro Lys Met Met Cys Val 50 55 60

Met Glu Arg Leu Glu His Gln Leu Gln Asn His Pro Val Thr Leu Ala 70 75 80

<210> 231

<211> 40

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<213> Homo sapiens

<400> 231

Met Phe Gln Arg Phe Leu Ala Lys Val Thr Val Trp Met Val Val Pro

Leu Thr Lys Thr Ala Met Asn Ala Lys Arg Ala Ser Phe Val Gly Arg 25

His Lys Ile Ile Phe Arg Ile Cys 35

<210> 232

<211> 24

<212> PRT

<213> Homo sapiens

<400> 232

Met Leu Leu Tyr Leu Ile Thr Arg Gly Asp Val Glu Asn Gly Cys Phe 10

Ile Phe Ser Val Val Phe Ala Leu 20

<210> 233 <211> 26

<212> PRT

<213> Homo sapiens

<400> 233

Met Pro Pro Arg Gly Leu Pro His Phe Ser Pro His Pro Thr Arg Gln 10

Phe Leu Phe Leu Phe Pro Leu His Thr Lys 20

<210> 234

<211> 37

<212> PRT

<213> Homo sapiens

<400> 234

Met Ser Tyr Glu Île Leu Val Asn Thr Asp Phe Met Ser Pro Phe Leu 5

Arg Thr Leu Leu Val Cys Phe His Leu Tyr Ala Leu Ile Arg Ala Asn

Asn Leu Lys Tyr Pro 35

<210> 235

<211> 40

<212> PRT

<213> Homo sapiens

<400> 235

Met Gly Lys Gly Leu Arg Leu Gly Val Ser Ile Ile Leu Val Lys Ser

Phe Phe Thr Tyr Ser Ser Lys Asp Val Asn Tyr Phe Ser Ile His Ser 25

Asn Ile Lys Ala Val Phe His Phe

<210> 236 <211> 40

<212> PRT

<213> Homo sapiens

<400> 236

Met Glu Glu Thr Gly Pro Leu Pro Ser Gly Ser Ser Leu Ser Asp Gln

Gly Glu Thr Ala Leu Ala Leu Gly Asn Ser Arg Ser Asp Gly Gly Arg 25

Gln Ser Ser Ser Met Asn Ala

<210> 237 <211> 50

<212> PRT

<213> Homo sapiens

<400> 237

Met His Lys Gln Ser Met Ala Arg Ser Ile Leu Arg Ser Pro Leu Gln

Gln Ile Pro Pro Lys Gly Glu Ala Gly Arg Trp Arg Trp Ala Glu Ala 20 25

Ser Cys Val Leu His Thr Phe Ser Thr Ile Leu Asp Phe Leu Phe Phe

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Phe Phe
  50
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<210> 238 <211> 49

<212> PRT

<213> Homo sapiens

<400> 238

Ser Ser Trp Gly Asp Ser Phe Ala Val Ser Ala Ala Trp Ala Arg Lys

Gly Ile Glu Glu Trp Ile Gly Arg Gln Arg Cys Pro Gly Gly Val Ser 25

Gly Pro Arg Gln Leu Arg Leu Ala Gly Thr Ile Gly Arg Ser Thr Arg

Glu

<210> 239

<211> 54

<212> PRT

<213> Homo sapiens

<400> 239

Met Leu Arg Pro Leu Thr Val Ala Ser Lys Arg Leu Leu Thr Ile Ser

Thr Leu Lys Ser Pro Leu Val Gly Leu Cys Ser Phe Ser Lys Ser Gly

Val Leu Arg Glu Gln Ala Leu Phe Ser Ile Ile Asn Leu Ile Asn Thr

Asp Trp Gln Lys Gln His

<210> 240 <211> 23 <212> PRT <213> Homo sapiens

<400> 240

Met Lys Lys Lys Ser Tyr Pro Asp Lys Ile Asn Gln Cys Phe Ile Phe

Leu Glu His Gln Asn Leu Leu 20

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<211> 59
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<222> (47)..(47)

<223> X=any amino acid

<400> 241

Met Val Lys Tyr Met Xaa Xaa Leu Xaa Leu Thr Pro Xaa Phe Ser Asn 1 10 15

Leu Leu Gly Thr Leu Lys Xaa Arg Lys Val Xaa Xaa Xaa Xaa Pro 20 25 30

Arg Lys Arg Asn Phe Xaa Xaa Xaa Pro Pro Xaa Leu Xaa Lys Xaa Arg 35 40

Cys His Phe Leu His Ile Asp Leu Gln Arg Val 50

<210> 242

<211> 55

<212> PRT

<213> Homo sapiens

<220>

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<222> (53)..(53)

<223> X=any amino acid

<400> 242

Met Val Ser Gly Val Gln Val Ser Leu His Lys Thr Lys Ile Lys Leu 1 5 10 15

Phe Asn Thr Gly Pro Thr Thr Leu Ile Tyr Gly Ala Asn Thr Cys Cys 20 25 30

Glu Pro Trp Gly Gln Gly Leu Gly Asp Lys Val Ala Thr Ile Phe Trp 35 40 45

Gly Val Gly Gly Xaa Gly Gly 50 55

<210> 243

<211> 75

<212> PRT

<213> Homo sapiens

<400> 243

Met Val Ile Thr Cys Val Leu Tyr Asp Ile Ser Ser Leu Lys Asn Leu 1 5 10 15

126

Arg His Ser Pro Phe Leu Gln Val Phe Phe Cys Val Cys Trp Lys Ile

Met Tyr Ile Phe Gln Leu Leu Asn Ala Ser Val Cys Ile Cys Ile Ser 35

Thr Lys Ser Lys Leu Leu Ile Leu Leu Phe Lys Leu Phe Ala Ser Tyr 50 55

Trp Phe Ser Leu Pro Thr Leu Cys Ile Asn Ser 70

<210> 244

<211> 17

<212> PRT

<213> Homo sapiens

<400> 244

Met Ser Trp Val Pro Cys Gly Cys Asp Phe Leu Arg Glu Ile Asn Leu

Phe

<210> 245

<211> 30 <212> PRT <213> Homo sapiens

<400> 245

Met Tyr Val Ser Pro Asp Asn Ile Ser Gly Ser Gly Asn Cys Lys Lys 10

Lys Ile Gly Asn Gln Asn Ser Arg Lys Val Phe Leu Glu Gly 20 25

<210> 246

<211> 57

<212> PRT

<213> Homo sapiens

<400> 246

Arg Val Thr Met Asn Glu Lys Asp Asn Phe Met Asn Ala Glu Asn Leu

Gly Ile Val Phe Gly Pro Thr Leu Met Arg Pro Pro Glu Asp Ser Thr 25

127

Leu Thr Thr Leu His Asp Met Arg Tyr Gln Lys Leu Ile Val Gln Ile

Leu Ile Glu Asn Glu Asp Val Leu Phe 50

<210> 247

<211> 70

<212> PRT

<213> Homo sapiens

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<222> (38)..(38) <223> X=any amino acid

<400> 247

Met Phe Ala Ser Leu Leu Ile Thr Asn Leu Leu Ser Thr Asn Glu Lys 1 5

Tyr Ile Gln Asp Leu Pro Phe Gln Arg Leu Ser Ile Tyr Glu Thr Asn 25 20

Ser Pro Phe Arg Leu Xaa Asn Phe Glu Asp Val Phe Ile Phe Leu Phe

Phe Leu Asn Lys Asn Cys Phe Leu Ser Arg Leu Phe Lys Ala Thr Cys 55

Val Lys Pro Leu Val Gln

<210> 248

<211> 36 <212> PRT <213> Homo sapiens

<400> 248

Met Arg Arg Ala Arg Pro Pro Leu Phe Phe Leu His Ala Val Ser Ser 5 10

Pro Gly Gln Ile Leu Thr Ser Lys Asn Ala Val Phe Pro Ser Gly Ala

Gly Pro Val Met

35

<210> 249

<211> 26 <212> PRT <213> Homo sapiens

<400> 249

Met Ser Leu Ser Phe Ser Leu His Ser Phe Tyr Arg Lys Ala Ile Leu

Gly Val Leu Gly His Phe Asp Ser Thr Ser 20

<210> 250 <211> 43 <212> PRT

<213> Homo sapiens

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<400> 250

Met Ser Leu Pro Ser Xaa Arg Arg Gln Phe Ser Asp Ile Thr Cys Thr

Glu Ile His Tyr Asn Ala Thr Met Asn Gly Gln Ser Ser Thr Glu Lys 25

Ile Lys Gln Arg Met Ser Trp Lys Val Leu Trp 35